

**DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION  
ACTIVITY REPORT: Self Initiated Inspection**

U50180730945931

<b>FACILITY:</b> Quality Textures		<b>SRN / ID:</b> U501807309
<b>LOCATION:</b> 29800 Parkway, Roseville		<b>DISTRICT:</b> Southeast Michigan
<b>CITY:</b> Roseville		<b>COUNTY:</b> MACOMB
<b>CONTACT:</b> Joe Zyla , Employee		<b>ACTIVITY DATE:</b> 08/09/2018
<b>STAFF:</b> Adam Bognar	<b>COMPLIANCE STATUS:</b> Compliance	<b>SOURCE CLASS:</b> <i>minor / unregistered</i>
<b>SUBJECT:</b> Self-Initiated Inspection		
<b>RESOLVED COMPLAINTS:</b> <i>C-18-02110</i>		

On July 27, 2018, Michigan Department of Environmental Quality-Air Quality Division (MDEQ-AQD) staff, I, Adam Bognar, conducted a complaint investigation at nearby complainant's residence located on Wexford Road, Roseville, MI. The investigation was in response to complaint # C-18-02110 filed with the Southeast Michigan District Office on July 27, 2018.

The complainant believes chemical-like odors are being emitted from the nearby industrial park in Roseville. They were unsure which business this may be coming from. They also stated that their throat reacts to the odor and their dogs react as well. Odors began over one year ago. The complainant requested that they be contacted by AQD staff for additional information prior to investigating the odor.

I called the complainant once before the investigation, once during the investigation, and once after the investigation. During each of these three calls the complainant did not answer, and their voicemail box was full.

I arrived at the complainants address at around 3:40 pm. The weather conditions were partly cloudy, 79°F, with a west wind. I parked on the street in front of the address and walked around the surrounding area. I remained at this location for around fifteen minutes and did not detect any chemical-like odors. The nearby industrial park is to the east of this address, downwind.

After leaving the complainant's address, I drove towards the nearby industrial park on the corner of Parkway and Industrial street in Roseville, MI. There is a neighborhood to the east of the industrial park that is directly adjacent to some of these industrial facilities (Kenwood Court, Roseville, MI). I drove through this neighborhood and immediately noticed solvent odors, so I parked and continued my odor observations. I walked up and down Kenwood Court and noticed intermittent solvent odors between 4 pm and 4:15 pm.

While I was walking, a resident approached me and asked what I was doing. I explained that I had observed chemical odors in the area and asked her if she had noticed any chemical like odors in this area. She explained that she has frequently experienced chemical odors at her home. She also pointed me towards a business that she believes is causing the odors. I gave her my card and told her to contact the AQD if she continues to experience these odors.

After leaving Kenwood court, I drove to the industrial park. I walked around the park on Parkway street and noticed consistent strong solvent odors. The odors appear to be arising from a business called "Quality Finishes". I did not have time to perform an inspection of Quality Textures during this complaint investigation.

On Thursday, August 9, 2018, Michigan Department of Environmental Quality – Air Quality Division (MDEQ-AQD) Staff, I, Adam Bognar conducted an unannounced self-initiated inspection of Quality Textures, at 29800 Parkway, Roseville, MI, 48066. The purpose of the inspection was to determine the facility's compliance with the requirements of the federal Clean Air Act; Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (Act 451); and Michigan Department of Environmental Quality-Air Quality Division (MDEQ-AQD) Administrative Rules. This facility currently operates without a permit.

I arrived at the facility at around 11 am. I met with Mr. Joe Zyla, Employee. I identified myself,

provided credentials, and stated the purpose of the inspection. Mr. Zyla gave me a tour of the building.

Quality Textures is in the business of painting and finishing wood cabinetry. There are 2 employees, Mr. Joe Zyla, and his father. The facility began operating at this location 4-5 years ago.

Two spray booths are in operation. The booths are used to paint, finish, and apply textured coatings to cabinets using paint guns. The booths are equipped with dry exhaust filters located at the back of each booth. Inlet filters are also in place to pull in clean air. The exhaust filters are installed as a series of approximately 1.5 ft by 1.5 ft squares installed before the stack.

Some of these filter squares were not in place during my inspection, but instead were laying on the floor next to where they should be installed. The booths were not currently in operation. I asked Mr. Zyla why these filter squares were not installed. Mr. Zyla stated that he had just taken them out to shake them off and clean them. Also, some of the installed filters appeared to be installed haphazardly with gaps in the corners where paint/solvent laden air could get through.

I informed Mr. Zyla that these filters need to be installed at all times when the booth is in use. I informed him that the filters need to be clean and snugly fit so that there are no gaps in the exhaust filter system. I told Mr. Zyla that I will perform a follow up inspection to make sure that these filters are installed correctly during booth operation.

Adjacent to the paint booths, there is one solvent based "Herkules" brand cold cleaner used for gun cleaning. The air/vapor interface is approximately 2'x2'. Laquer thinner is used as the solvent. Solvent is stored in a drum beneath the cleaning sink and sprayed on guns through a nozzle/pump system. The spring assisted lid was closed during my inspection. Operating Procedures were posted on the cold cleaner lid. This cold cleaner appears to be exempt from Rule 201 requirements pursuant to Rule 281 (2)(h) because it has an air/vapor interface smaller than 10 square feet.

After the inspection, Mr. Zyla provided me with information about their paint usage. Mr. Zyla stated that Quality Textures uses approximately 15-20 gallons of solvent based products a week. The filters are changed approximately twice a month or as needed. He could not provide any documentation to substantiate his paint use claims.

I informed Mr. Zyla that he needs to maintain records of paint usage. I advised him to create a spreadsheet that allows him to document the paint/coating mixed and paint/coating wasted on a daily basis. The difference between these two values is the daily usage. Mr. Zyla created this spread sheet, estimated their paint/coating usage for the past few months, and emailed me this information. Paint booths at this facility appear to be exempt from Rule 201 requirements pursuant to Rule 287 (2)(c).

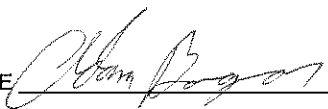
The paint storage area was clean and organized. Paint/coatings are stored in 5-gallon pails inside yellow flame cabinets. Paint/coatings appear to be stored using good pollution prevention techniques.

I conducted an unannounced follow up inspection on August 22, 2018 at 1 pm to make sure that filters were in place. Both booths were in use and the booth exhaust filters were in place during this inspection. Filters were clean and appeared to have been recently replaced. I conducted an odor observation during this inspection and did not notice odors in the subdivision behind the facility (Kenwood Court) but did notice slight intermittent paint like odors in front of the Quality Textures facility in the Roseville industrial park.

#### **Compliance Determination**

This facility appears to be in compliance with the requirements of the federal Clean Air Act; Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (Act 451); and Michigan Department of Environmental Quality-Air Quality Division (MDEQ-AQD) Administrative Rules.

I attempted to contact the complainant to inform them of my investigations, but they did not answer their phone and their voicemail box was full. This complaint is considered resolved. Unless additional complaints are filed, I do not plan on doing any future investigations.

NAME 

DATE 9/7/2018

SUPERVISOR SF